ring nodes :
    1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 22 23 24
    25 26 27 28 29 30

ring bonds :
    1-2 1-23 2-9 2-12 3-4 3-22 4-5 4-8 5-6 6-7 6-13 7-8 9-10 10-11
    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-25
    24-26 25-29 26-27 26-30 27-28 28-29 29-30
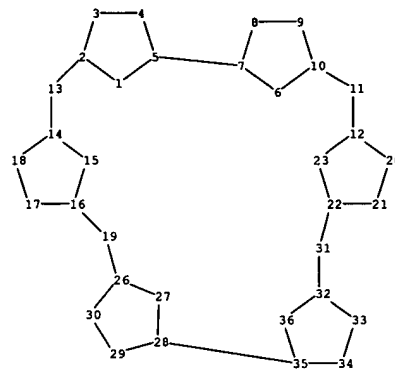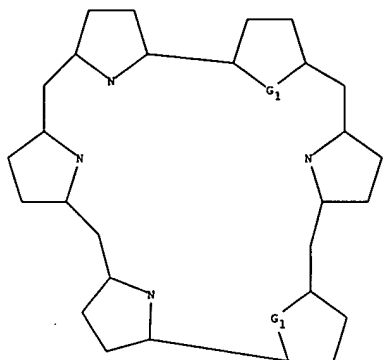
exact/norm bonds :
    1-2 1-23 2-9 2-12 3-4 3-22 4-5 4-8 5-6 6-7 6-13 7-8 9-10 10-11
    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-25
    24-26 25-29 26-27 26-30 27-28 28-29 29-30

G1:S,Se,Te

Match level :
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
    11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
    22:Atom 23:Atom 24:CLASS 25:CLASS 26:CLASS 27:Atom 28:Atom 29:Atom
    30:Atom

ring nodes :
    1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
    23 26 27 28 29 30 31 32 33 34 35 36
ring bonds :
    1-2 1-5 2-3 2-13 3-4 4-5 5-7 6-7 6-10 7-8 8-9 9-10 10-11 11-12
    12-20 12-23 13-14 14-15 14-18 15-16 16-17 16-19 17-18 19-26 20-21
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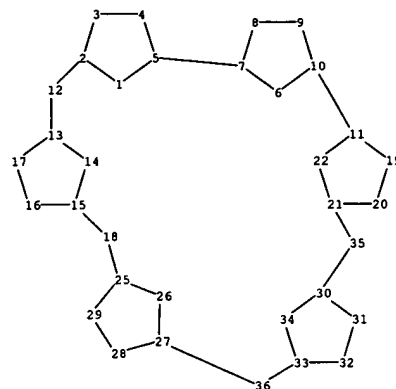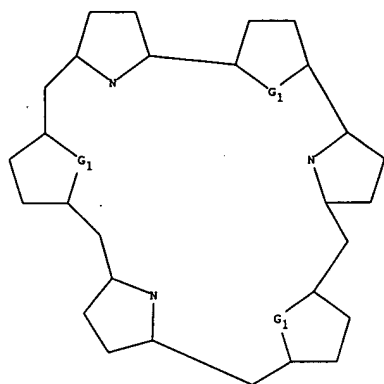   32-36 33-34 34-35 35-36
exact/norm bonds :
    1-2 1-5 2-3 2-13 3-4 4-5 5-7 6-7 6-10 7-8 8-9 9-10 10-11 11-12
    12-20 12-23 13-14 14-15 14-18 15-16 16-17 16-19 17-18 19-26 20-21
    21-22 22-23 22-31 26-27 26-30 27-28 28-29 28-35 29-30 31-32 32-33
    32-36 33-34 34-35 35-36

G1:S,Se,Te

Match level :
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    11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
    20:Atom 21:Atom 22:Atom 23:Atom 26:Atom 27:Atom 28:Atom 29:Atom
    30:CLASS31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom

ring nodes :
    1   2   3   4   5   6   7   8   9   10 11 12 13 14 15 16 17 18 19 20 21 22
    25 26 27 28 29 30 31 32 33 34 35 36
ring bonds :
    1-2   1-5   2-3   2-12 3-4   4-5   5-7   6-7   6-10 7-8   8-9   9-10 10-11 11-22
    11-19 12-13 13-14 13-17 14-15 15-16 15-18 16-17 18-25 19-20 20-21
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    31-32 32-33 33-34 33-36
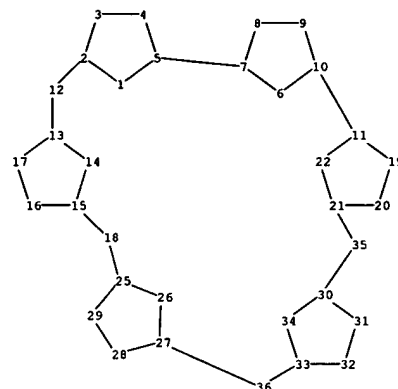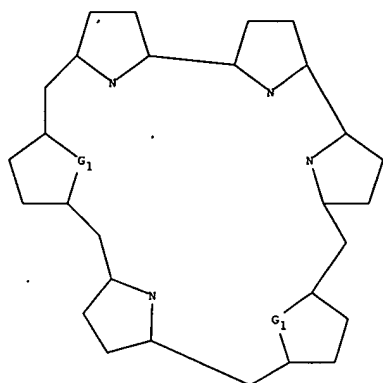exact/norm bonds :
    1-2   1-5   2-3   2-12 3-4   4-5   5-7   6-7   6-10 7-8   8-9   9-10 10-11 11-22
    11-19 12-13 13-14 13-17 14-15 15-16 15-18 16-17 18-25 19-20 20-21
    21-22 21-35 25-26 25-29 26-27 27-28 27-36 28-29 30-34 30-31 30-35
    31-32 32-33 33-34 33-36

G1:S,Se,Te

Match level :
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    11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
    20:Atom 21:Atom 22:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS
    30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom

ring nodes :
    1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
    25 26 27 28 29 30 31 32 33 34 35 36

ring bonds :
    1-2 1-5 2-3 2-12 3-4 4-5 5-7 6-7 6-10 7-8 8-9 9-10 10-11 11-22
    11-19 12-13 13-14 13-17 14-15 15-16 15-18 16-17 18-25 19-20 20-21
    21-22 21-35 25-26 25-29 26-27 27-28 27-36 28-29 30-34 30-31 30-35
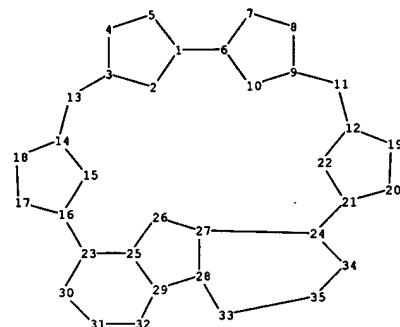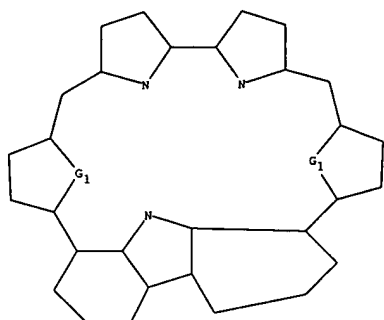   31-32 32-33 33-34 33-36

exact/norm bonds :
    1-2 1-5 2-3 2-12 3-4 4-5 5-7 6-7 6-10 7-8 8-9 9-10 10-11 11-22
    11-19 12-13 13-14 13-17 14-15 15-16 15-18 16-17 18-25 19-20 20-21
    21-22 21-35 25-26 25-29 26-27 27-28 27-36 28-29 30-34 30-31 30-35
    31-32 32-33 33-34 33-36

G1:S,Se,Te

Match level :
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    20:Atom 21:Atom 22:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS
    30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom

ring nodes :
   1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
   23 24 25 26 27 28 29 30 31 32 33 34 35
ring bonds :
   1-2 1-5 1-6 2-3 3-4 3-13 4-5 6-7 6-10 7-8 8-9 9-10 9-11 11-12
   12-19 12-22 13-14 14-15 14-18 15-16 16-17 16-23 17-18 19-20 20-21
   21-22 21-24 23-25 23-30 24-27 24-34 25-26 25-29 26-27 27-28 28-29
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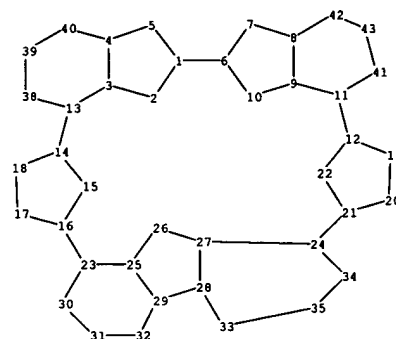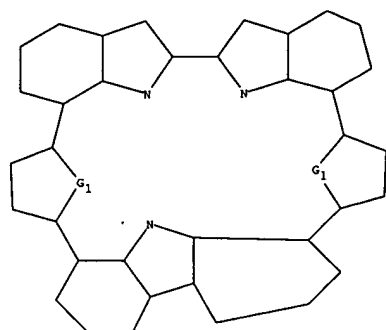exact/norm bonds :
   1-2 1-5 1-6 2-3 3-4 3-13 4-5 6-7 6-10 7-8 8-9 9-10 9-11 11-12
   12-19 12-22 13-14 14-15 14-18 15-16 16-17 16-23 17-18 19-20 20-21
   21-22 21-24 23-25 23-30 24-27 24-34 25-26 25-29 26-27 27-28 28-29
   28-33 29-32 30-31 31-32 33-35 34-35

G1:S,Se,Te

Match level :
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   11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
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   29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom

ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22
    23   24   25   26   27   28   29   30   31   32   33   34   35   38   39   40   41   42   43
ring bonds :
    1-2   1-5   1-6   2-3   3-4   3-13   4-5   4-40   6-7   6-10   7-8   8-9   8-42   9-10   9-11
    11-12   11-41   12-19   12-22   13-14   13-38   14-15   14-18   15-16   16-17   16-23
    17-18   19-20   20-21   21-22   21-24   23-25   23-30   24-27   24-34   25-26   25-29
    26-27   27-28   28-29   28-33   29-32   30-31   31-32   33-35   34-35   38-39   39-40
    41-43   42-43
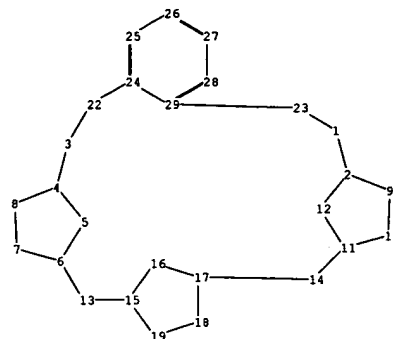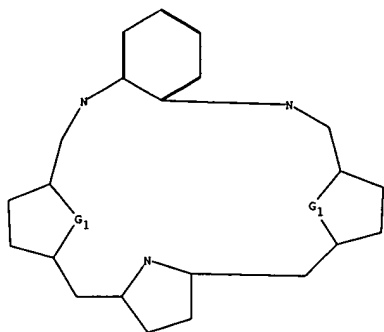exact/norm bonds :
    1-2   1-5   1-6   2-3   3-4   3-13   4-5   4-40   6-7   6-10   7-8   8-9   8-42   9-10   9-11
    11-12   11-41   12-19   12-22   13-14   13-38   14-15   14-18   15-16   16-17   16-23
    17-18   19-20   20-21   21-22   21-24   23-25   23-30   24-27   24-34   25-26   25-29
    26-27   27-28   28-29   28-33   29-32   30-31   31-32   33-35   34-35   38-39   39-40
    41-43   42-43

G1:S,Se,Te

Match level :
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
    11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
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    29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 38:Atom 39:Atom
    40:Atom 41:Atom 42:Atom 43:Atom

ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   22   23   24
    25   26   27   28   29
ring bonds :
    1-2   1-23   2-9   2-12   3-4   3-22   4-5   4-8   5-6   6-7   6-13   7-8   9-10   10-11
    11-12   11-14   13-15   14-17   15-16   15-19   16-17   17-18   18-19   22-24   23-29
    24-25   24-29   25-26   26-27   27-28   28-29
exact/norm bonds :
    1-2   1-23   2-9   2-12   3-4   3-22   4-5   4-8   5-6   6-7   6-13   7-8   9-10   10-11
    11-12   11-14   13-15   14-17   15-16   15-19   16-17   17-18   18-19   22-24   23-29
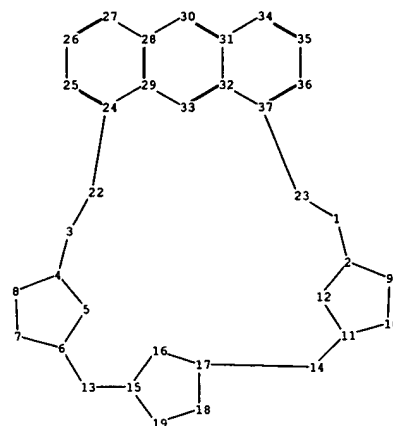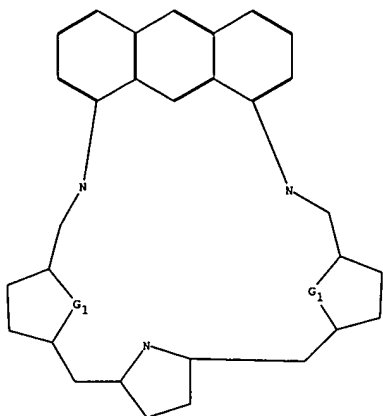normalized bonds :
    24-25   24-29   25-26   26-27   27-28   28-29

G1:S,Se,Te

Match level :
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    11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
    22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom

ring nodes :
    1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 22 23 24
    25 26 27 28 29 30 31 32 33 34 35 36 37
ring bonds :
    1-2 1-23 2-9 2-12 3-4 3-22 4-5 4-8 5-6 6-7 6-13 7-8 9-10 10-11
    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-37
    24-25 24-29 25-26 26-27 27-28 28-29 28-30 29-33 30-31 31-32 31-34
    32-33 32-37 34-35 35-36 36-37
exact/norm bonds :
    1-2 1-23 2-9 2-12 3-4 3-22 4-5 4-8 5-6 6-7 6-13 7-8 9-10 10-11
    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-37
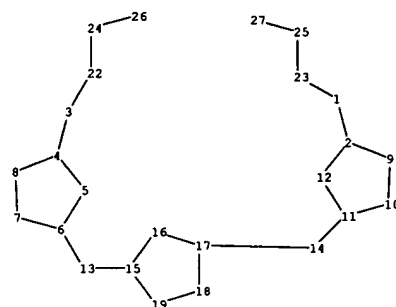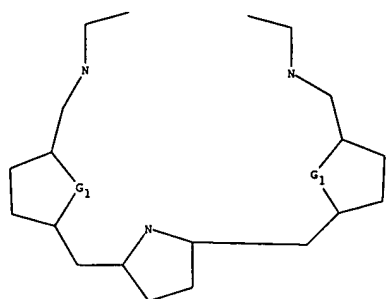normalized bonds :
    24-25 24-29 25-26 26-27 27-28 28-29 28-30 29-33 30-31 31-32 31-34
    32-33 32-37 34-35 35-36 36-37

G1:S,Se,Te

Match level :
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
    11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
    22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom
    31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom

chain nodes :
    1   3   13   14   22   23   24   25   26   27
ring nodes :
    2   4   5   6   7   8   9   10   11   12   15   16   17   18   19
chain bonds :
    1-2   1-23   3-4   3-22   6-13   11-14   13-15   14-17   22-24   23-25   24-26   25-27
ring bonds :
    2-9   2-12   4-5   4-8   5-6   6-7   7-8   9-10   10-11   11-12   15-16   15-19   16-17
    17-18   18-19
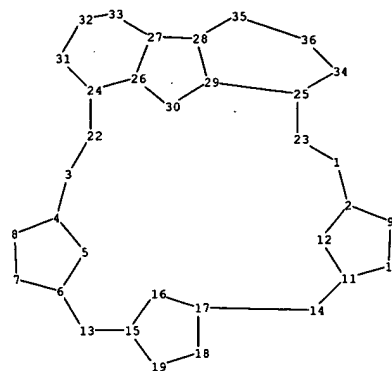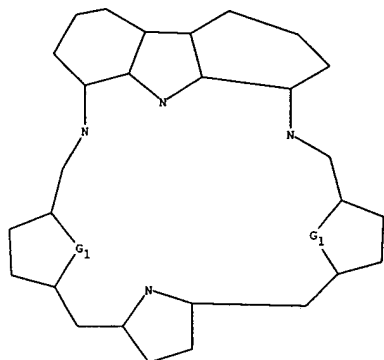exact/norm bonds :
    1-2   1-23   2-9   2-12   3-4   3-22   4-5   4-8   5-6   6-7   6-13   7-8   9-10   10-11
    11-12   11-14   13-15   14-17   15-16   15-19   16-17   17-18   18-19   22-24   23-25
    24-26   25-27

G1:S,Se,Te

Match level :
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    22:Atom 23:Atom 24:CLASS25:CLASS26:CLASS27:CLASS

ring nodes :
    1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 22 23 24
    25 26 27 28 29 30 31 32 33 34 35 36

ring bonds :
    1-2 1-23 2-9 2-12 3-4 3-22 4-5 4-8 5-6 6-7 6-13 7-8 9-10 10-11
    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-25
    24-26 24-31 25-29 25-34 26-27 26-30 27-28 27-33 28-29 28-35 29-30
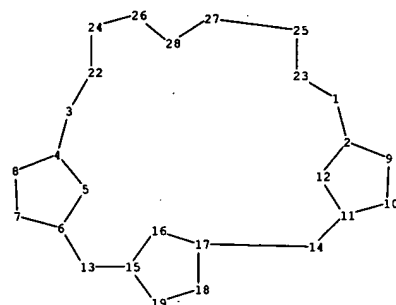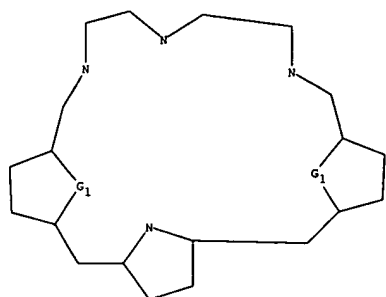   31-32 32-33 34-36 35-36

exact/norm bonds :
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    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-25
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    31-32 32-33 34-36 35-36

G1:S,Se,Te

Match level :
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    22:Atom 23:Atom 24:CLASS 25:CLASS 26:CLASS 27:Atom 28:Atom 29:Atom
    30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom

ring nodes :
    1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 22 23 24
    25 26 27 28
ring bonds :
    1-2 1-23 2-9 2-12 3-4 3-22 4-5 4-8 5-6 6-7 6-13 7-8 9-10 10-11
    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-25
    24-26 25-27 26-28 27-28
exact/norm bonds :
    1-2 1-23 2-9 2-12 3-4 3-22 4-5 4-8 5-6 6-7 6-13 7-8 9-10 10-11
    11-12 11-14 13-15 14-17 15-16 15-19 16-17 17-18 18-19 22-24 23-25
    24-26 25-27 26-28 27-28

G1:S,Se,Te

Match level :
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